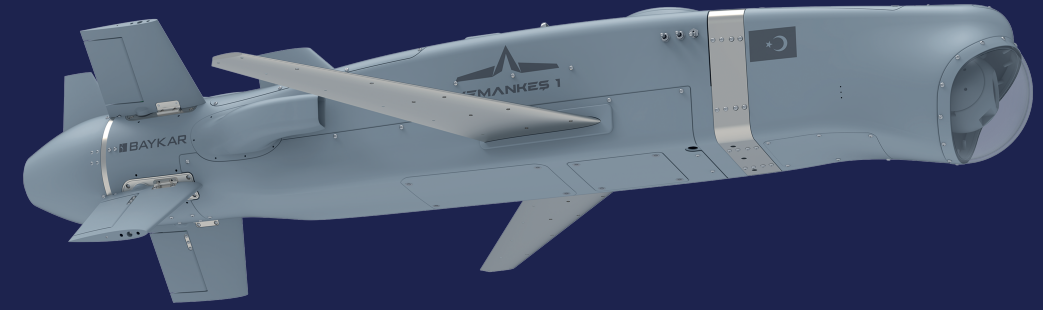
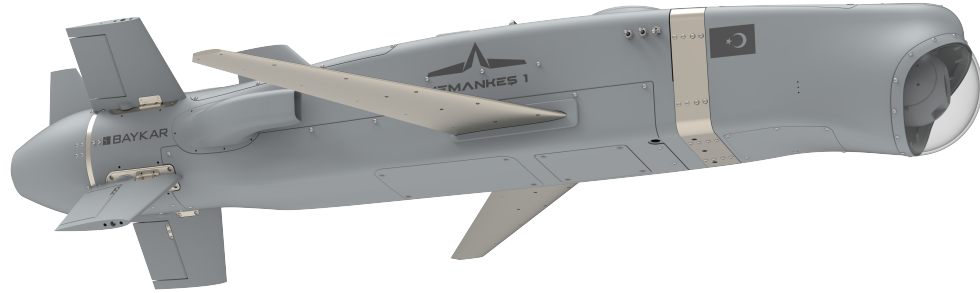




 **BAYKAR**



TECHNICAL FEATURES

Service Ceiling	10,000 ft
Operational Altitude	7,500 ft
Communication Range	70+ km
Operational Range	100 km
Endurance	20 mins
Cruise Speed	140 KIAS
Max. Speed	175 KIAS
MTOW	45 kg
Takeoff/Landing/Cruise/Taxi	Airdrop
Power Plant	Jet Engine
Payload	10 kg Warhead AI-Assisted EO Camera
Terminal Guidance	EO or GNSS
Wingspan	1.14 m
Length	1.73 m
Height	0.4 m

CAPABILITIES

Communication via TB2, TB3 or AKINCI as a Relay
Anti-Jamming System
Visual Localization
Digital Data and Video Link
Sensor-Fusion-Assisted, Fully-Autonomous Cruise and Dive
High Performance Image Stabilization

ADVANCED FEATURES

AI-Assisted Autopilot System
AI-Assisted Optical Guidance Set
Full HD EO Camera

MISSION PROFILE

Air-to-Surface



KEMANKEŞ 1

Mini Cruise Missile

The KEMANKEŞ 1 Mini Cruise Missile, featuring AI technology, has been indigenously developed to engage strategic targets with precision. The name KEMANKEŞ, inspired by historical Turkish archers renowned for their unmatched accuracy even under challenging conditions, reflects its ability to strike with pinpoint accuracy. Baykar’s indigenously developed UCAVs — including the AKINCI, Bayraktar TB2, and Bayraktar TB3 — are all compatible with the KEMANKEŞ 1.

This mini cruise missile operates autonomously, utilizing an artificial intelligence-supported autopilot system. Powered by a jet engine, it is highly effective against critical targets behind enemy lines. The AI-assisted optical guidance system enables precise target identification and engagement, ensuring pinpoint accuracy even in the most demanding operational environments.

